

TABLE 1			
AGENT EXPOSURE LIMITS AND AGENT STACK LIMITS			
LOCATION	Concentration (mg/m ³)		
	GB	H/HD/HT	VX
Maximum Allowable Stack Concentration ^{1,2}	0.0003	0.03	0.0003
General Population Limit ^{1,3} (Averaging Time 72 hours)	0.000003	0.0001	0.000003
Work-place 8 – Hour Time Weighted Average or Chemical Control Limit ^{1,3,4}	0.0001	0.003	0.00001
<p>1. Public Law 91-121/144 (USC 1512) mandates that the United States Department of Health and Human Services (HHS) review the plans for transporting and/or disposing of lethal chemical agents and make recommendations for protecting human health and safety. HHS delegated review and recommendation authority to the Centers for Disease Control (CDC).</p> <p>2 The Department of Army proposed the maximum allowable stack concentrations indicated in Table 1. HHS reviewed the concentrations and announced in the March 15, 1988 Federal Register (53 FR 8504) [corrected in 53 FR 11002, April 4, 1988] that the concentrations "met HHS criteria and appear to be more restrictive than limits set on a health base alone", and therefore made no recommendation for changes.</p> <p>3 The March 15, 1988 Federal Register (53 FR 8504) [corrected in 53 FR 11002, April 4, 1988] announced that CDC concluded that the concentrations indicated in Table 1 will adequately protect human health; "even long-term exposure to these concentrations would not create any adverse health effects."</p> <p>4. H/HD/HT concentration is chemical control limit.</p> <p>NOTE:</p> <p>CDC determined that the current available data precluded acceptable exposure limits for mustard agent being precisely defined. CDC concluded that the work-place limits will amply protect a general population 1000 meters or more from the demilitarization site for transportation route. Therefore, protection of the general public is dependent upon meeting the work-place limits within the facility.</p>			